



- ☒ L7: (1) 6 and packet
- ☒ L9: (56) "spread spectrum" and packet and "power ramping"
- ☒ L10: (36) 9 and (I and Q)
- ☒ L11: (31) 10 and (modulat\$3 near3 signal)
- ☒ L12: (13) 10 and (modulat\$3 near3 signal)
- ☒ L13: (1) ("5712870").PN.
- ☒ L14: (1) 13 and "power ramping"
- ☒ L15: (7) "power ramping" same (modulated near3 signal)
- ☒ L16: (91) "power ramping" and (modulated near3 signal)
- ☒ L17: (61) 16 and (I and Q)
- ☒ L18: (2) 17 and upconverter
- ☒ L19: (157) (power near3 ramping) and (modulated near3 signal)
- ☒ L20: (85) 19 and (I and Q)
- ☒ L21: (46) 20 and "spread spectrum"
- ☒ L22: (1) 21 and (detect\$3 near5 packet)
- ☒ L23: (1) ("5732105").PN.
- ☒ L24: (0) 23 and "power ramping"
- ☒ L25: (0) 23 and (power near3 ramping)
- ☒ L26: (1) ("5883921").PN.
- ☒ L27: (0) 26 and "power ramping"
- ☒ L28: (1) 26 and (power near3 ramping)
- ☒ L29: (123) modulator and (power near3 ramping) and transmitting
- ☒ L30: (77) 29 and (I and Q)
- ☒ L31: (1) 30 and (detect\$3 near5 packet)
- ☒ L32: (0) 30 and (new adj packet)
- ☒ L33: (42) 30 and packet
- ☒ L34: (29) 33 and upconvert\$3

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33 and upconvert\$3

	U	1	Document ID	Issue Date	Pages	Title	Current OR	Current X	Retn	Inventor	S
1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 6313703 B1	20011106	59	Use of antiphase signals for predistortion training within an amplifier	330/149	330/124R;		Wright; Andrew S. et al.	<input checked="" type="checkbox"/>
2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 6054896 A	20000425	56	Controller and associated methods for a line linear power amplifier	330/149	330/151		Wright; Andrew S. et al.	<input checked="" type="checkbox"/>
3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 5990734 A	19991123	59	System and methods for stimulating and training a power amplifier during	330/2	330/124R;		Wright; Andrew S. et al.	<input checked="" type="checkbox"/>
4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 5694417 A	19971202	10	Short burst direct acquisition direct sequence spread spectrum receiver	375/150	375/329		Andren; Carl et al.	<input checked="" type="checkbox"/>

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- L5: (1379) (increas\$ or ramp\$3) near8 (modulat\$3 adj signal)
- L6: (4) 5 and "power ramping"
- L7: (1) 6 and packet
- L9: (56) "spread spectrum" and packet and "power ramping"
- L10: (36) 9 and (I and Q)
- L11: (31) 10 and (modulat\$3 near3 signal)
- L12: (13) 10 and (modulat\$3 near3 signal)
- L13: (1) ("5712870").PN.
- L14: (1) 13 and "power ramping"
- L15: (7) "power ramping" same (modulated near3 signal)
- L16: (91) "power ramping" and (modulated near3 signal)
- L17: (61) 16 and (I and Q)
- L18: (2) 17 and upconverter

☒ S1: (19) "power amplifier" and "up-converter mixer"
☒ S2: (0) S1 and ((increas\$ or adjust\$3) near8 (modulat\$3 adj signal))
☒ S3: (1) S1 and ((increas\$ or adjust\$3) same (modulat\$3 adj signal))
☒ S4: (1) S1 and ((increas\$ or adjust\$3 or ramp\$3) same (modulat\$3 adj signal))
☒ S5: (10085) (increas\$ or adjust\$3 or ramp\$3) same (modulat\$3 adj signal)
☒ S6: (2927) (increas\$ or adjust\$3 or ramp\$3) near8 (modulat\$3 adj signal)
☒ S7: (387) S6 and "power amplifier"
☒ S8: (18) S7 and "up-converter"

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 17 and upconverter

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	U	I	Document ID	Issue Date	Pages	Title	Current OR	Current X	Retr	Inventor	S
1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 20020044014 A1	20020418	99	Amplifier measurement and modeling processes for use in generating predi	330/2	330/149		Wright, Andrew S. et al.	<input checked="" type="checkbox"/>
2	<input type="checkbox"/>	<input type="checkbox"/>	US 5295152 A	19940315	10	TDMA for mobile access in a CDMA system	370/342	380/34; 455/455		Gudmundson; Bjorn et al.	<input checked="" type="checkbox"/>

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- L5: (1379) (increas\$ or ramp\$3) near8 (modulat\$3 adj signal)
- L6: (4) 5 and "power ramping"
- L7: (1) 6 and packet
- L9: (56) "spread spectrum" and packet and "power ramping"
- L10: (36) 9 and (1 and Q)
- L11: (31) 10 and (modulat\$3 near3 signal)
- L12: (13) 10 and (modulat\$3 near3 signal)

S1: (19) "power amplifier" and "up-converter mixer"

S2: (0) S1 and ((increas\$ or adjust\$3) near8 (modulat\$3 adj signal))

S3: (1) S1 and ((increas\$ or adjust\$3) same (unmodulat\$3 adj signal))

S4: (1) S1 and ((increas\$ or adjust\$3 or ramp\$3) same (modulat\$3 adj signal))

S5: (10085) (increas\$ or adjust\$3 or ramp\$3) same (modulat\$3 adj signal)

S6: (2927) (increas\$ or adjust\$3 or ramp\$3) near8 (modulat\$3 adj signal)

S7: (387) S6 and "power amplifier"

S8: (18) S7 and "up-converter"

S10: (0) S9 and "new packet"

S11: (0) S9 and packet

S9: (14) S8 and mixer

S12: (6) S8 and mixer

S13: (281) baseband adj modulat\$3 adj signal

S14: (3) S13 and ("in phase" and "quadrature phase")

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 10 and (modulat\$3 near3 signal)

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	U	I	Document ID	Issue Date	Pages	Title	Current OR	Current X	Retu	Inventor	S
9	<input type="checkbox"/>	<input type="checkbox"/>	US 6456608 B1	20020924	146	Adaptive vector correlator using weighting signals for spread-spectrum	370/335	370/342; 375/150		Lomp; Gary R.	<input checked="" type="checkbox"/>
10	<input type="checkbox"/>	<input type="checkbox"/>	US 6373830 B1	20020416	21	CDMA communication system which selectively allocates bandwidth upon	370/335	370/342; 370/441		Ozhuturk; Fatih M.	<input checked="" type="checkbox"/>
11	<input type="checkbox"/>	<input type="checkbox"/>	US 6075792 A	20000613	21	CDMA communication system which selectively allocates bandwidth upon	370/441	370/335; 370/342		Ozhuturk; Fatih M.	<input checked="" type="checkbox"/>
12	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 5712870 A	19980127	10	Packet header generation and detection circuitry	375/147	370/206; 370/320		Petrick; Al	<input checked="" type="checkbox"/>
13	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 5694417 A	19971202	10	Short burst direct acquisition direct sequence spread spectrum receiver	375/150	375/329		Andren; Carl et al.	<input checked="" type="checkbox"/>

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- ☒ L1: (19) "power amplifier" and "up-converter mixer"
- ☒ L2: (0) 1 and ((increas\$ or adjust\$3) near8 (modulat\$3 adj signal))
- ☒ L3: (1) 1 and ((increas\$ or adjust\$3) same (modulat\$3 adj signal))
- ☒ L4: (1) 1 and ((increas\$ or adjust\$3 or ramp\$3) same (modulat\$3 adj signal))
- ☒ L5: (10085) (increas\$ or adjust\$3 or ramp\$3) same (modulat\$3 adj signal)
- ☒ L6: (2927) (increas\$ or adjust\$3 or ramp\$3) near8 (modulat\$3 adj signal)
- ☒ L7: (387) 6 and "power amplifier"
- ☒ L8: (18) 7 and "up-converter"
- ☒ L10: (0) 9 and "new packet"
- ☒ L11: (0) 9 and packet
- ☒ L9: (14) 8 and mixer
- ☒ L12: (6) 8 and mixer
- ☒ L13: (281) baseband adj modulat\$3 adj signal
- ☒ L14: (3) 13 and ("in phase" and "quadrature phase")
- ☒ L15: (1) 14 and "power amplifier"
- ☒ L16: (1) 15 and packet
- ☒ L17: (1) 16 and ((increas\$ or adjust\$3 or ramp\$3) near8 signal)

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16 and ((increas\$ or adjust\$3 or ramp\$3) near8 signal)

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	U	1	Document ID	Issue Date	Pages	Title	Current OR	Current X	Reti	Inventor	S
1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 6243413 B1	20010605	16	Modular home-networking communication system and method u	375/222	340/310.02; 370/311:		Beukema, Troy J.	<input checked="" type="checkbox"/>

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- L1: (19) "power amplifier" and "up-converter mixer"
- L2: (0) 1 and ((increas\$ or adjust\$3) near8 (modulat\$3 adj signal))
- L3: (1) 1 and ((increas\$ or adjust\$3) same (modulat\$3 adj signal))
- L4: (1) 1 and ((increas\$ or adjust\$3 or ramp\$3) same (modulat\$3 adj signal))
- L5: (10085) (increas\$ or adjust\$3 or ramp\$3) same (modulat\$3 adj signal)
- L6: (2927) (increas\$ or adjust\$3 or ramp\$3) near8 (inodulat\$3 adj signal)
- L7: (387) 6 and "power amplifier"
- L8: (18) 7 and "up-converter"
- L10: (0) 9 and "new packet"
- L11: (0) 9 and packet
- L9: (14) 8 and mixer
- L12: (6) 8 and mixer
- L13: (281) baseband adj modulat\$3 adj signal
- L14: (3) 13 and ("in phase" and "quadrature phase")
- L15: (1) 14 and "power amplifier"
- L16: (1) 15 and packet
- L17: (1) 16 and ((increas\$ or adjust\$3 or ramp\$3) near8 signal)

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8 and mixer

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	U	I	Document ID	Issue Date	Pages	Title	Current OR	Current X	Rem	Inventor	S
1	<input type="checkbox"/>	<input type="checkbox"/>	US 6757334 B1	20040629	72	Bit rate agile third-generation wireless CDMA, GSM, TDMA and OFDM s	375/259	375/219;		Feher, Kamilo	<input checked="" type="checkbox"/>
2	<input type="checkbox"/>	<input type="checkbox"/>	US 6665348 B1	20031216	73	System and method for interoperable multiple-standard modulation and cod	375/259	375/130;		Feher, Kamilo	<input checked="" type="checkbox"/>
3	<input type="checkbox"/>	<input type="checkbox"/>	US 6470055 B1	20021022	71	Spectrally efficient FQPSK, FGMSK, and FOAM for enhanced d	375/259	370/215;		Feher, Kamilo	<input checked="" type="checkbox"/>
4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 6445749 B2	20020903	32	FMOD transceivers including continuous and burst operated TDM	375/298	332/103;		Feher, Kamilo	<input checked="" type="checkbox"/>
5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 6268818 B1	20010731	23	Method and apparatus for improving modulation accuracy	341/152	341/143;		Xin, Weizhuang et al.	<input checked="" type="checkbox"/>
6	<input type="checkbox"/>	<input type="checkbox"/>	US 4682106 A	19870721	15	Methods of, and apparatus for, proton decoupling in nuclear magneti	324/307	324/311		Vatis, Dimitrios et al.	<input checked="" type="checkbox"/>

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